

Yash Lalwani

yashlalwani661@gmail.com | 917- 405- 4636 | [Linkedin](#) | [Github](#)

Summary

Full-Stack Developer with 1.5+ years of experience in architecting, building, and deploying production-grade web applications. Expertise in microservices, multi-tenant cloud architectures (AWS Lambda), and scalable AI-powered solutions. Proven success in end-to-end development, including data ingestion pipelines, dynamic frontend visualization, CMS integration, and performance optimization. Adept at leveraging modern tech stacks—including Next.js, Django, Node.js, and TypeScript—to deliver robust, high-performance platforms.

Experience

Software Developer, Empreus Technologies

Jun 2025 – Present

[Salestarget.ai](#)

- Engineered an autonomous outbound engine (Node.js/Azure OpenAI) for hyper-personalized email and LinkedIn outreach at scale.
- Developed an AI-powered lead explorer that converts conversational queries into precise database filters (MySQL/Typesense).
- Optimized the backend data export pipeline using Node.js streams to process records with near-zero memory usage.
- Built an automated sequence generator for multi-touch outreach campaigns with optimized timing and AI-generated copy.
- Built a scalable web application using a microservices architecture with Next.js, TypeScript, React, Node.js, and Express.js; developed reusable UI components with SSR/SSG rendering, optimized backend performance through pagination and caching, and implemented authorization (JWT, RBAC) mechanisms for secure access control.
- Collaborated cross-functionally (design, marketing, management) to ship production-ready features.
- Built CMS with Strapi + AWS S3 enabling 2x faster content updates without developer dependency.
- Integrated PostHog for error tracking, bug monitoring, and product analytics.
- Setup Postal, Mailjet, and DNS Server (Route53, Cloudflare) for automated emailing.

[247compliance.com](#)

- Built scalable web app using Django, HTML, Tailwind CSS, Swiper.js, and AOS
- Added search & industry filter features; made direct SQL edits per client requests
- Deployed 10+ domains on AWS with Cloudflare DDoS protection and rate limiting
- Architected a multi-tenant system using a single AWS Lambda function to serve multiple domains with distinct frontend templates while utilizing shared backend data and infrastructure.

[Aquasolution.in](#)

- Built fully responsive WordPress site; improved SEO ranking by 90% using Math Rank plugin
- Worked directly under the owner and implemented changes based on their direct guidance and review.

Software Developer Intern, LRIT

Mar 2025 - Apr 2025

- Created responsive React components (Dashboard, Login, Register) using Tailwind CSS; implemented a role-based authentication system where the dashboard was controlled by the owner, with data persisted in local storage. - [Link](#)

Backend Developer Intern, Altruism Labs

Dec 2022 - Feb 2023

- Engineered an API to ingest JSON data into the database and visualize it on the frontend as dynamic graphs.
- Designed a drag-and-drop feature allowing users to dynamically transform data visualizations, displaying the same underlying data in different graphical formats.
- Implemented responsive grid layouts for backend dashboards using Gridstack.js.

Trainee, Persistent Martian Program

July 2023 - Aug 2023

- Completed training in DBMS, OS, Python, and C fundamentals

Intern, Cisco Networking Academy

Aug 2023 - Sep 2023

- Simulated over 50 real-world networking scenarios to optimize data flow and system connectivity using Cisco industry-standard tools.

Projects

- [Smart Contact form](#) – Full-stack automated form/email tracker with smart replies, daily schedulers, real-time analytics, MongoDB storage, and enterprise-grade UI
- [Gmail Clone](#) – Full-stack mailer built with MongoDB, Bootstrap, and Node.js; features user authentication, stores received mail in the database, and uses SMTP for sending emails.
- [Real-Time Weather App](#) - Built using EJS for the frontend; integrated OpenWeather API to fetch and display real-time

weather data in an interactive UI.

- **ShopStream (Team Lead)** - E-commerce platform with login , register, product reviews , update product and add to cart .
- **Creative Portfolio** - Animated responsive showcase implemented using GSAP, HTML, and CSS

Skills

- **Languages:** C++, JavaScript, Java, Python
- **Web:** HTML, CSS, JavaScript, Bootstrap, MERN Stack, NEXT.js, Tailwind.css, Django
- **Tools:** Version Control,Git,Github,CI/CD,Cloud Deployment,AWS(Cloudfront, Lambda, API Gateway, S3, Route53,EC2), Postman, DBMS, REST APIs, GSAP, Gridstack.js, Passport.js ,swiper.js and aos.css
- **Core CS:** DSA (C++/Java), Networking, DBMS, OS, OOPS, Agile Methodology, Microservices

Education

Lakshmi Narain College of Technology (LNCT) - B.Tech – Computer Science & Engineering | CGPA: 8.16

Jun 2020 - Jun 2024

Certifications

- [Excellence Certificate in C++ and DSA \(3-Month Course\)](#) - Scored >60%.
- [Certificate in C++ and DSA \(6-Month Course\)](#)
- [Certificate in Database Management Systems \(DBMS\)](#)
- [Full-Stack Web Development Bootcamp \(9-Month Course: HTML, CSS, JavaScript, React.js, Node.js, Java\), Java Certificate](#)

Coding Profile

Completed 600+ LeetCode and 800+ coding questions.

- [Leetcode 1](#)
- [Leetcode 2](#)
- [Hackerrank](#)
- [Coding Ninjas](#)
- [Coding Ninjas 2](#)
- [Codechef](#)
- [GFG](#)
- [Codeforces](#)